**Plant and Animal Cell Biology Lab**

Materials list:

* Microscope
* 2 Slides
* 2 cover slips
* Lens paper
* Onion tissue
* Tooth pick
* Pencil (not a pen)
* Biological diagram sheets for both cells
* Water

Since the results for this lab were scientific drawings, which are exceptionally hard to make on Word, I will just answer the second question.

In comparison with my drawings and the textbooks’, I feel that my drawings are more real-to life. They are not colour coded, and perhaps I have identified some of the vestigial structures incorrectly. In my drawing you cannot see every organelle inside of the cell, while in the textbook you can. In the animal cell, I could see the nucleus and some shaded areas. In the plant cell, I could see the cell wall and some chloroplasts. In the textbook, of course, you can see all of the organelles.

As for safety with this lab, a lot of it relates to microscope skills. I would make sure that I go over how to use a microscope, how to carry it, how to focus it, etc. I would make sure that students know how to make sure they don’t crack the slide, and if they do, what to do with the broken glass. I would also make sure that the onions were cut by me, so there would be no risk to the students with regards to knives.